

The diagram illustrates a system architecture for privacy-preserving data processing. At the top, a row of six computer icons represents client devices. Below them, a central server icon (104) is shown, which contains a 'PB' (Privacy Budget) component and several 'X' marks. This server is connected to a large server icon (106) on the left, which also contains a 'PB' component. A small server icon (116) is positioned between the central server (104) and the large server (106). Arrows indicate data flow: 110 from the first client to the central server, 126 from the central server to the first client, 118 from the central server to the large server, 112 from the large server to the central server, and 114 from the small server (116) to the central server. At the bottom, a large server icon (120) is labeled 'Privacy Bank Server 108'. It is connected to the central server (104) via a bidirectional arrow (122) and to the large server (106) via a bidirectional arrow (124). The central server (104) also has a bidirectional arrow (120) connecting it to the Privacy Bank Server 108.

REPLACEMENT DRAWING

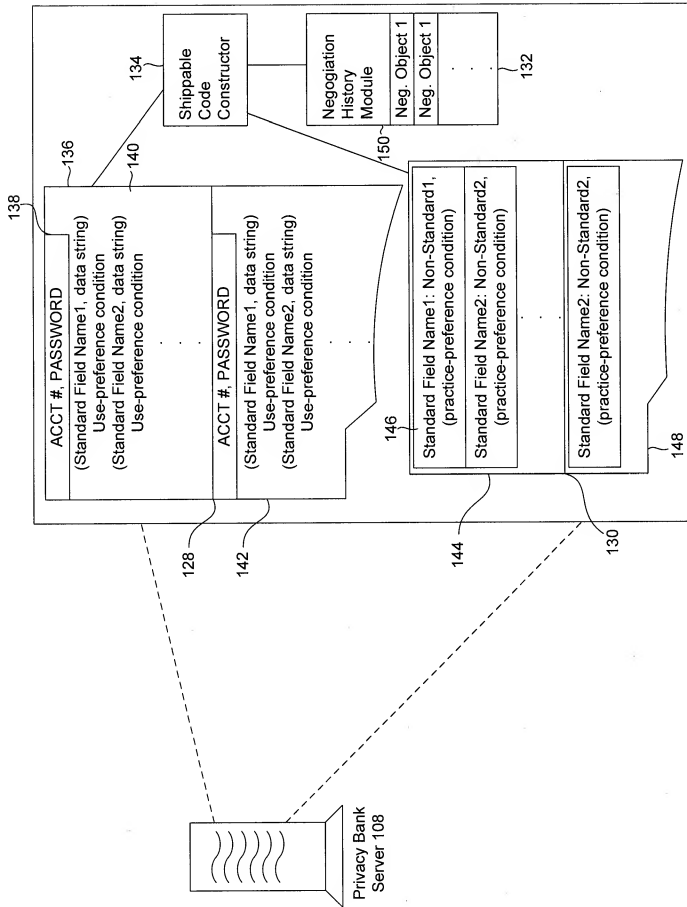


FIG. 1B

REPLACEMENT DRAWING

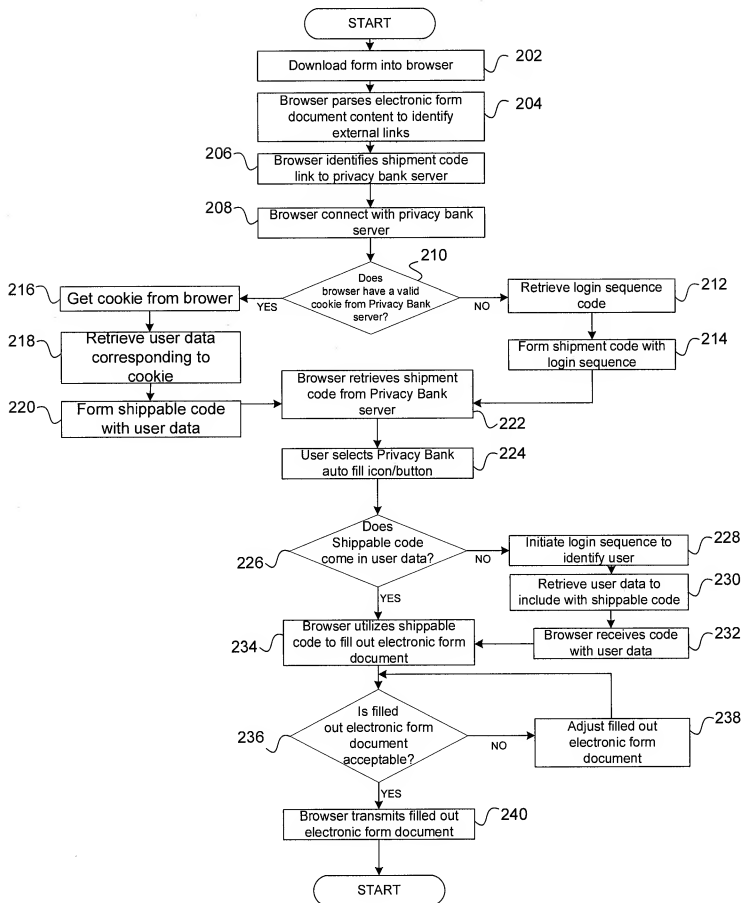


FIG. 2

302

BillInfo.	Category	Type	Short display name
Name.	Physical Contact Information Demographic Data	PersonName.	Name
Address.	Physical Contact Information Demographic Data	Address.	Postal Address
Phone.	Physical Contact Information	PhoneNum.	Phone Number
Fax.	Physical Contact Information	PhoneNum.	Fax Number
Internet.	Online Contact Information	Internet.	Internet
Credit Card	Financial Data	CreditCard.	Favorite Credit Card

PersonName.	Category	Type	Short display name
Prefix	Demographic Data	Text	Prefix
First	Physical Contact Information	Text	First Name
Middle	Physical Contact Information	Text	Middle Name
Last	Physical Contact Information	Text	Last Name
Suffix	Demographic Data	Text	Suffix

Address.	Category	Type	Short display name
Street1	Physical Contact Information	Text	Street 1
Street2	Physical Contact Information	Text	Street 2
City	Physical Contact Information	Text	City
StateProv	Physical Contact Information	Text	State/Province
PostalCode	Demographic Data	Text	Post/Zip Code
Country	Demographic Data	Text	Country

PhoneNum.	Category	Type	Short display name
AreaCode	Physical Contact Information	Text	Area Code
Number	Physical Contact Information	Text	Number
Extension	Physical Contact Information	Text	Extension

FIG. 3B

REPLACEMENT DRAWING

Internet.	Category	Type	Short display name
Email	Online Contact Information	Text	Email
HomePage	Online Contact Information	Text	Home Page

Employment	Category	Type	Short display name
Employer	Demographic Data	Text	Employer
Department	Demographic Data	Text	Department
JobTitle	Demographic Data	Text	Job Title

Credit Card.	Category	Type	Short display name
Type	Financial Data	Text	Card Type
Number	Financial Data	Text	Account Number
ExpMonth	Financial Data	Text	Expiration Month
ExpYear	Financial Data	Text	Expiration Year

FIG. 3C